

**AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A process for removal of SO<sub>2</sub> in off-gases having a temperature of 30-150° C and containing 0.001-1 vol % SO<sub>2</sub> in which the [[SO<sup>2</sup>]] SO<sub>2</sub> is oxidised to H<sub>2</sub>SO<sub>4</sub> without the use of an absorption tower by spraying an aqueous solution of H<sub>2</sub>O<sub>2</sub> into the off-gas upstream of an aerosol filter removing the produced sulphuric acid from the off-gas.
2. (Original) A process as in claim 1, in which the off-gas is cooled by evaporation of the water comprised in the solution being sprayed into the off-gas upstream of the filter.
3. (Currently amended) A process as in claim 1, in which a wet electrostatic separator [[us]] is used in place of an aerosol filter.
4. (New) A process according to claim 1 or 2, wherein the off-gas has a temperature of 50-120° C and contains 100-1000 ppm SO<sub>2</sub>.